AFSC 3E5X1
ENGINEERING
CAREER FIELD EDUCATION AND TRAINING PLAN

This change is effective with the class graduating 18 Mar 04 from course J3ABP3E531 001, Engineering Apprentice. Compliance with AFI 36-2201, para 4.11.6.1, and other training policies and documentation is required. CFETP 3E5X1, 1 Apr 2002, is changed as follows:

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1. Write-in Changes:

Part II
SECTION A – SPECIALITY TRAINING STANDARD

Page	STS Element	Column	Action
41	16.10 thru 16.10.6	All	Delete all entries

2. Page Insert Changes:

Page	Action
41A	Insert page 41A

3. After necessary actions, file this change in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL   SUSAN A. O'NEAL
                                                  Assistant DCS/Installations & Logistics

1. **Task Knowledge and Technical References**	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) QTP	(1) RAM	(2) Course
16.10. Geographic Information System (GIS) TR: www.GeoBase.hq.af.mil, Spatial Data Standards for Facilities, Infrastructure and Environment (SDSFIE) Content Standard for Digital Geospatial Metadata (CSDGM)												
16.10.1. GIS concepts												
16.10.1.1 Raster and vector data models							A		B			
16.10.1.2 Map projections							A		B			
16.10.1.3 Coordinate systems							A		B			
16.10.1.4 Datums							A		B			
16.10.1.5 Precision, accuracy, scale, and resolution							A		B			
16.10.2. Utilize Spatial Data Standard for Facilities, Infrastructure and Environment (SDSFIE)							2b		B			
16.10.3 Convert legacy data to GIS vector and raster data models												
16.10.3.1 CAD							2b		B			
16.10.3.2 Imagery							2b		B			
16.10.3.3 Database							2b		B			
16.10.4 Develop/maintain database structures							2b		B			
16.10.5 Create/maintain metadata							2b		B			
16.10.6 Create and edit vector data							2b		B			
16.10.7 Layout a map							2b		B			
16.10.8 Perform printing and plotting							2b		B			
16.10.9 Query and analyze GIS data							2b		B			